Begin Program

FIG. 5

<Markup language>

<REM --- Imports the file "datasource.inc" which creates variable "datasource" which is

used to tell markup language datasource to connect to.   --->

<INCLUDE NAME="database\datasource.inc">

<REM--- In case a database or other type of error occurs, this display the error message. -

-- >

<ERROR>

<FONT FACE='Verdana, Arial" SIZE="+1"><B>An Error Has Occurred</B></FONT><P> <FONT

FACE="Verdana, Arial" SIZE="-1"><B>Error Message = :i_errortext </B></FONT><P>

<FONT FACE="Verdana, Arial" SIZE="-1"><B>database Error =

:i_databaseerrortext</B></FONT><P>

<FONT FACE="Verdana, Arial" SIZE="-1"><B>database Error = i_databaseerrorstmt

</B></FONT><P>

</ERROR>

<REM --- Begin normal markup language here   --->

<markup language>

<HEAD>

<TITLE>Ticketing & Reservation System</TITLE>

</HEAD>

<BODY BACKGROUND="images/background.jpg" TEXT="#000000" LINK="#006666"

VLINK="#006666">

<CENTER>

<IMG SRC="images/masthead_concerts.gif" HEIGHT=60 WIDTH=280><P>

```
<FONT FACE="Verdana,Arial". SIZE=-1><B>To begin reserving your seat(s), please select

the concert date/time you wish to attend next to the performer you want to

see:</B></FONT>

<TABLE BORDER=O CELLSPACING=5 CELLPADDING=5>

<REM --- Begin database query to retrieve all performances that is        --->

<REM --- currently available. Will loop until all available          --->

<REM --- performing artists and their performances are listed.    --->

<REM--- Part of the return from the query are the links that will   --->

<REM --- take you to the next step of the reservation.        --->

            <database DBNAME=":datasource"

            database="SELECT id, name, picture, sequence

            FROM category

            WHERE active=1 AND parent=-1

            ORDER BY sequence"

            ALIAS="concert">

            <databaseFETCH ALIAS="concert">

            <WHILE NOTALIAS=i_databaseempty>

            <TR>

            <TO COLSPAN=2>

            <FONT FACE="Verdana,Arial" SIZE=+1><B>:concert_name</B></FONT>

            </TD></TR><TR><TD VALIGN="top">

            <img src=imagesLconcert_picture align=top border="1">

            </TD><TD>

            <Markup language DBNAME=":datasource"

                    database="SELECT id, name, date, time

                    FROM category

                    WHERE active=1 AND parent=rconcert_id

                    ORDER BY date, time"

                    OUTPUT="<FONT FACE="Verdana,Arial" SIZE=-1><B>
```

FIG. 5

(CONT.)

FIG. 5

(CONT.)

```
<A HREF='Reserve1.ihtml?&id=;1'>:2</A>

</B></FONT><p>">

</TD></TR><TR><TD COLSPAN=2><HR></TD></TR>

<databaseFETCH ALIAS="concert">

</WHILE ALIAS=i_databaseempty>

</database ALIAS="concert">

<'TABLE>

</BODY>

</markup language>
```

processing then passes to:

```
<Markup language>

<REM--- Imports the file "datasource.inc" which creates the          --->

<REM --- variable "datasource" which is used to tell Markup language which          --->

<REM --- database datasource to connect to.          --->

<INCLUDE NAME="database\datasource.inc">

<REM In case a database or other type of error occurs, this will display the error message. >

<ERROR>

<FONT FACE="Verdana,Arial" SIZE="+1"><B>An Error Has Occurred</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>Error Message =

:i_errortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>database Error =

:idatabaseerrortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>database Error =

:i_databaseerrorstmt</B></FONT><P>

</ERROR>

<REM --- Begin normal markup language here --- >

<markup language>

<HEAD>

<TITLE>Ticketing &amp; Reservation System - Select Seat(s)</TITLE>
```

FIG. 5
(CONT.)

```
</HEAD>

<REM --- All seats clicked will pass its information to a input box, "newseats". When done,

the information will be passed to "process.ihtml" and be processed by "reserve2.ihtml". --- >

<REM --- This code allows the ability to select multiple seats before proceeding to the next

step of reservation process. Other features include listing the selected seats in the

"number" text box to show the seats that has been clicked. This script also alters the button

text to be grammatically correct. --- >

<SCRIPT LANGUAGE="JavaScript">

<f--

function selectseat(idnum, seatnum)

{

reserved = document. seats. number. value;

if (reserved == '"')

{

document. seats. newseats. value = "<Markup language DBNAME=:"+"datasource

database='INSERT INTO basket (custid, pid, qty) VALUES (:"+"custid, "+idnurn+",

1)'><database DBNAME=:"+"datasource database='SELECT cost FROM products WHERE

id="+idnum+'"><databaseFETCH><iEQ NAME='ticketprice' VALUE=:"+"1></database><iEQ

NAME='total' VALUE=<iEVAL EXPR=':"+"ticketprice + :"+"total' PREC='2'>><Markup

language DBNAME=:"+" datasource database='INSERT INTO orderdetail (pid, aid, qty, sell)

VALUES ("+idnum+", :"+"oid, 1, :"+"ticketprice)'>";

document.seats.number.value = seatnum;

document. seats. button1. value = "Reserve Seat";

document.seats.button2.value = "Clear Choice";

}

else

{

document. seats.newseats. value += "<Markup language DBNAME=:"+"datasource

database='INSERT INTO basket (custid, pid, qty) VALUES (:"+"custid, "+idnum+",
```

```
1)'><database DBNAME=:"+"datasource database='SELECT cost FROM products WHERE

id="idnum+'"><databaseFETCH><iEQ NAME='ticketprice' VALUE=:"+"1></database><iEQ

NAME='total' VALUE=<iEVAL EXPR=':"+"ticketprice + :"+"total' PREC='2'>><Markup

language DBNAME=:"+"datasource database='INSERT INTO orderdetail (pid, old, qty, sell)

VALUES ("+idnum+", :"+"oid, 1, :"+"ticketprice)'>";

document.seats.number.value = reserved+", "+seatnum;

document. seats. button1. value = "Reserve Seats";

document.seats.button2.value = "Clear Choices";

}

}

function clear()

{

document.seats.newseats.value = '"";

}

//-->

</SCRIPT>

<BODY BACKGROUND="images/background.jpg" TEXT="#000000" LINK="#006666"

VLINK="#006666">

<REM --- Begin database query to retrieve the last id number from table "orderdetail" for the

purpose of creating a new instance of the stage image whenever a new order has occurred.

This will prevent the browser from displaying an old floor image from its cache as a different

image name is called every time the file is run. --- >

<database DBNAME=":datasource"

        database="SELECT max(id)

        FROM orderdetail">

        <databaseFETCH>

        <iEQ NAME="imagenum" VALUE=:1>

        <databaseFETCH>

</database>
```

FIG. 5
(CONT.)

```
<iEQ NAME="imagetype" VALUE=".jpg">

<CENTER>

<TABLE BGCOLOR=40000001 BORDER=0 CELLPADDING=5 CELLSPACING=0

WIDTH=500>

<TR><TD><CENTER>

<FONT FACE="Verdana,Arial" SIZE=+1 COLOR='#FFFFFF'><B>

Concert Reservation System

</B></FONT>

</CENTER>

</TD></TR></TABLE></CENTER><p>

<REM - Loads the core image that will be dynamically altered for use as the image map. - >

<iIMAGEFROMFILE NAME="stage" FILENAME="images/stage.jpg" TYPE="jpeg">

<MAP NAME="stage" BORDER=0>

<REM --- Begin database query to retrieve all seat information for the image map

"stage". Will loop until all available seat information for this particular performance is listed.     --->

<REM --- The return query will be used only if the "active" attribute of that particular seat is

marked "true" or "1".   --- >

<REM --- If active, the seat's information, including image map coordinates will be displayed.

Otherwise, the seat on the image map will be x'd out according to the x and y coordinates

associated with it.           --->

<database DBNAME=":datasource"

database="SELECT id, active, x, y, shape, corrds, name, mouseout, mouseover1,

mouseover2, mouseover3

        FROM products

        WHERE catid=:id">

        <databaseFETCH>

        <iWHILE NOTALIAS=i_databaseempty>

        <iEQ NAME="active" VALUE=:2>

        <iCASE ALIAS="active" VALUE=1>
```

FIG. 5

(CONT.)

```
<AREA SHAPE=":5" COORDS=":6" HREF="javascript:selectseat(:1,':7')" ALT="Seat # :7"

OnMouseOut=:8 OnMouseOver=:9 :7 :10 :7 :11 >

        </iCASE ALIAS="active">

        <iCASE ALIAS="active" VALUE=0>

        <iIMAGETEXT NAME="stage" TEXT="X" X=:3 Y=:4 COLOR="red">

        </iCASE ALIAS="active">

        <databaseFETCH>

        </iWHILE ALIAS=i_databaseempty>

</database>

</MAP>

<CENTER>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>

Click on the seat you wish to reserve.

</B></FONT>

<TABLE BORDER=1 CELLPADDING=0 CELLSPACING=0>

<TR><TD>

<REM --- Converts the dynamically generated image, "stage", into a web friendly image type -

"jpeg".          --->

<iIMAGEWRITE NAME="stage" FILENAME="images/ch_stage-:id-:imagenum:"imagetype"

TYPE="jpeg" QUALITY="30">

<REM --- Deletes the temporary image "stage" as it is no longer needed. --- >

<iIMAGEDESTROY NAME="stage">

<IMG SRC="images/legend.jpg" BORDER=0 HEIGHT=20 WIDTH=584><BR>

<IMG SRC="images/ch_stage-:id-imagenum:imagetype" BORDER=0 USEMAP="#stage"

HEIGHT=315 WIDTH=584>

</CENTER>

</TD></TR></TABLE>

<FONT FACE='Verdana,Arial' SIZE=-1><B>

An "X" denotes a seat that has already been taken.
```

FIG. 5

(CONT.)

```
</B></FONT>

<FORM NAME="seats" ACTION="process.ihtml" METHOD="post">

<CENTER>

<TABLE BGCOLOR='#000000' BORDER=0 CELLPADDING=0 CELLSPACING=0>

<TR><TD>

<TABLE BGCOLOR='#FFFFFF' BORDER=0 CELLPADDING=5 CELLSPACING=1>

<TR><TD><CENTER>

<FONT FACE='Verdana,Arial' SIZE=-1><B>

Your mouse is over seat#: <INPUT TYPE="text" NAME="seatnum" SIZE=5>

</B></FONT></CENTER>

</TD></TR><TR><TD><CENTER>

<FONT FACE='Verdana,Arial' SIZE=-1><B>

Selected Seats:<BR><INPUT TYPE="text" NAME="number" SIZE=40>

<BR>

<INPUT TYPE="hidden" NAME="newseats" SIZE=50>

<INPUT TYPE="submit" NAME="button1" VALUE="Reserve Seat"> <INPUT

TYPE="reset" NAME="button2" VALUE="Clear Choice" onClick="clear()">

</B></FONT>

</CENTER>

</TD></TR></TABLE></TD></TR></TABLE></CENTER>

</FORM></CENTER></BODY>

</markup language>
```

which then passes to a template:

```
<Markup language>

<REM --- Imports the file "datasource.inc" which creates the variable "datasource" which is

used to tell Markup language which ODBC datasource to connect to.

<iINCLUDE NAME="database\datasource.inc">

<REM --- In case a database or other type of error occurs, this will display the error

message. - >
```

FIG. 5

(CONT.)

```
<ERROR>

<FONT FACE="Verdana,Arial" SIZE="+1"><B>An Error Has Occurred</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>Error Message =

:i_errortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>database Error =

:i_databaseerrortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1 "><B>database Error =

:i_databaseerrorstmt</B></FONT><P>

</ERROR>

<REM--- Copy a preformatted file, "empty.ihtml" into a new file,          --- >

<REM --- "reserve2.ihtml".                              --->

<iCOPYFILE SRC="empty.ihtml" DST="reserve2.ihtml>

<REM --- Appends the information passed from "reseve1.ihtml" to "reserve2.ihtml" for

process. Other html information is also passed.          --->

<iFILE NAME="reserve2.ihtml" DATA=":newseats" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="<INPUT TYPE='hidden' NAME='total'

VALUE=:total>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="</FORM>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="</CENTER>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="<P>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="</BODY>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="</markup language>" OP="append">

<REM --- Once the information is appended into "reserve2.ihtml", it will be automatically

push the page "reserve2.ihtml" to the browser.          --->

<iREDIR URL="reserve2.ihtml">
```

which then combines information and passes to:

```
<Markup language>

<REM --- Imports the file "datasource.inc" which creates the variable "datasource" which is

used to tell Markup language which ODBC datasource to connect to.          --->
```

FIG. 5

(CONT.)

```
<iINCLUDE NAME="database\datasource.inc">

<REM --- In case a database or other type of error occurs, this will display the error

message. - >

<ERROR>

<FONT FACE="Verdana,Arial" SIZE="+1"><B>An Error Has Occurred</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>Error Message =

:i_errortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>database Error =

:idatabaseerrortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>database Error =

:i_databaseerrorstmt</B></FONT><P>

</ERROR>

<REM --- Copy a preformatted file, "empty.ihtml" into a new file, "reserve2.ihtml".    --->

<iCOPYFILE SRC="empty.ihtml" DST="reserve2.ihtmr">

<REM Appends the information passed from "reseve1.ihtml" to "reserve2.ihtml" for

process. Other html information is also passed.   --- >

<iFILE NAME="reserve2.ihtml" DATA=":newseats" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="<INPUT TYPE='hidden' NAME='total

VALUE=:total>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="</FORM>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="</CENTER>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="<P>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="</BODY>" OP="append">

<iFILE NAME="reserve2.ihtml" DATA="</markup language>" OP="append">

<REM --- Once the information is appended into "reserve2.ihtml", it will be automatically

push the page "reserve2.ihtml" to the browser.

<iREDIR URL="reserve2.ihtml">

then (takes all information from index & reserve one and conbines it to with the information

in empty) then passes to:
```

FIG. 5

(CONT.)

```
<!Markup language>

<REM --- Imports the file "datasource.inc" which creates the variable "datasource" which is

used to tell Markup language which ODBC datasource to connect to. --- >

<iINCLUDE NAME="database\datasource.inc">

<REM -- In case a database or other type of error occurs, this will display the error

message. -- >

<ERROR>

<FONT FACE="Verdana,Arial" SIZE="+1"><B>An Error Has Occurred</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>Error Message =

:i_errortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>database Error =

:i_databaseerrortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>database Error =

i_databaseerrorstmt</B></FONT><P>

</ERROR>

<REM --- Begin normal markup language here            --->

<markup language>

<HEAD>

<TITLE>Ticketing &amp; Reservation System - Customer Information</TITLE>

</HEAD>

<BODY BACKGROUND="images/background.jpg" TEXT="#000000" LINK="#006666"

VLINK="#006666">

<REM-------Get Customer Info------->

<CENTER>

<TABLE BGCOLOR='#000000' BORDER=0 CELLPADDING=5 CELLSPACING=0

WIDTH=500>

<TR><TD><CENTER>

<FONT FACE='Verdana,Arial' SIZE=+1 COLOR='#FFFFFF'><B>

Ticketing &amp; Reservation System
```

FIG. 5

(CONT.)

```
</B></FONT>

</CENTER>

</TD></TR>

</TABLE><p>

<FORM ACTION=reserve3.ihtml METHOD=POST>

<TABLE BGCOLOR='#000000' BORDER=0 CELLPADDING=0 CELLSPACING=0>

<TR><TD>

<TABLE BGCOLOR='#FFFFFF' BORDER=0 CELLPADDING=5 CELLSPACING=1>

        <TR>

        <TD COLSPAN=2><CENTER><FONT FACE='Verdana,Arial' SIZE=-
1><B>CUSTOMER INFORMATION</CENTER></TD>

        </TR><TR>

        <TD><FONT FACE='Verdana,Arial' SIZE=-1><B>Name as appear on
CC</B></FONT></TD>

        <TD><FONT FACE='Verdana,Arial' SIZE=-1><B><INPUT TYPE="text"
NAME="name" MAXLENGTH=50 SIZE=40></B></FONT></TD>

        </TR><TR>

        <TD><FONT FACE='Verdana,Arial' SIZE=-1><B>Phone</B></FONT></TD>

        <TD><FONT FACE='Verdana,Arial' SIZE=-1><B><INPUT TYPE="text"
NAME="phone" MAXLENGTH=50 SIZE=12></B></FONT></TD>

        </TR><TR>

        <TD><FONT FACE='Verdana,Arial' SIZE=-1><B>Email</B></FONT></TD>

        <TD><FONT FACE='Verdana,Arial' SIZE=-1><B><INPUT TYPE="text"
NAME="email" MAXLENGTH=50 SIZE=40></B></FONT></TD>

        </TR><TR>

        <TD><FONT FACE='Verdana,Arial' SIZE=-1><B>CC Number</B></FONT></TD>

        <TD><FONT FACE='Verdana,Arial' SIZE=-1><B><INPUT TYPE="text"
NAME="ccnum" MAXLENGTH=50 SIZE=40></B></FONT></TD>

        </TR><TR>
```

FIG. 5

(CONT.)

```
<TD><FONT FACE='Verdana,Arial' SIZE=-1><B>Expiration
(MM/YY)</B></FONT></TD>
        <TD><FONT FACE='Verdana,Arial' SIZE=-1><B>Month <INPUT TYPE="text"
NAME="ccmexp" MAXLENGTH=50 SIZE=2> / Year <INPUT TYPE="text" NAME="ccyexp"
MAXLENGTH=50 SIZE=2> ... example: 12/99</B></FONT></TD>
        </TR><TR>
        <TD COLSPAN=2>
        <CENTER>
        <FONT FACE='Verdana,Arial' SIZE=-1><B>
        <INPUT TYPE="submit" VALUE="Reserve Seats">
        <BR>
        <INPUT TYPE="reset" VALUE="Clear Choices">
        </B></FONT>
        </CENTER>
        </TD></TR>
</TABLE>
</TD></TR></TABLE>
<iEQ NAME="total" VALUE=0>
<iEQ NAME="date" VALUE='<iDATE>'>
<REM --- Begin database command to insert a new customer profile into the database. This
step is primarily for the purpose of obtaining a new customer id to associate this transaction.
The customer's ip and captured and inserted into a new record in the "customers" table.
The marker, "new" is flagged "true" for the attrieval of the new id. Once the new customer id
is captured, the marker "new" is turned off.                    --->
<Markup language DBNAME=:datasource
        database="INSERT INTO customers (ip, new)
        VALUES (':i_ip',1)">
<database DBNAME=:datasource
        database="SELECT id
```

FIG. 5

(CONT.)

```
FROM customers

WHERE new=1">

<databaseFETCH>

<iEQ NAME="custid" VALUE=:1>

</database>

<Markup language DBNAME=:datasource

        database="UPDATE customers

        SET new=0

        WHERE id=:custid">

<REM --- Begin database command to insert a new reservation into the database. This step

is primarily for the purpose of creating a new reservation record, flagged with the newly

obtained customer id, so that the transaction information may be processed in

"resere3.ihtml".             --->

<Markup language DBNAME=:datasource

        database="INSERT INTO orders (orderdate, approvalcode, receiptnum, totalcharge,

custid)

        VALUES (':date','0000', '0000', :total, :custid)"

FAILURE="The order could not be processed at this time due to technical difficulties.">

<REM --- Begin database command to obtain the reservation id that was just created. This

information, coupled with the customer id, will be used to identify this particular transaction

in the database and be updated in "resere3.ihtml"        --->

        <database DBNAME=:datasource

        database="SELECT max(id)

        FROM orders">

        <databaseFETCH>

        <iEQ NAME="oid" VALUE=:1>

</database>

        <INPUT TYPE="hidden" NAME="reserve" VALUE="receipt">

        <INPUT TYPE="hidden" NAME=custid VALUE=:custid>
```

FIG. 5

(CONT.)

```
<INPUT TYPE="hidden" NAME=phone VALUE=:phone>

<INPUT TYPE="hidden" NAME=email VALUE=:email>

<INPUT TYPE="hidden" NAME=oid VALUE=:oid>
```

<Markup language DBNAME=:datasource database='INSERT INTO basket (custid, pid, qty)
VALUES (:custid, 6431, 1)'><database DBNAME=:datasource database='SELECT cost
FROM products WHERE id=6431'><databaseFETCH><iEQ NAME='ticketprice'
VALUE=:1></database><iEQ NAME='total' VALUE=<iEVAL EXPR=':ticketprice + :total'
PREC='2'>><Markup language DBNAME=:datasource database='INSERT INTO orderdetail
(pid, oid, qty, sell) VALUES (6431, :oid, 1, :ticketprice)'><Markup language
DBNAME=:datasource database='INSERT INTO basket (custid, pid, qty) VALUES (:custid,
6428, 1)'><database DBNAME=:datasource database='SELECT cost FROM products
WHERE id=6428'><databaseFETCH><iEQ NAME='ticketprice'
VALUE=:1></database><iEQ NAME='total' VALUE=<iEVAL EXPR=':ticketprice + :total'
PREC='2'>><Markup language DBNAME=:datasource database='INSERT INTO orderdetail
(pid, aid, qty, sell) VALUES (6428, :oid, 1, :ticketprice)'><Markup language
DBNAME=:datasource database='INSERT INTO basket (custid, pid, qty) VALUES (:custid,
6429, 1)'><database DBNAME=:datasource database='SELECT cost FROM products
WHERE id=6429'><databaseFETCH><EQ NAME='ticketprice'
VALUE=:1></database><iEQ NAME='total' VALUE=<iEVAL EXPR=':ticketprice + :total'
PREC='2'>><Markup language DBNAME=:datasource database='INSERT INTO orderdetail
(pid, oid, qty, sell) VALUES (6429, :oid, 1, :ticketprice)'><Markup language
DBNAME=:datasource database='INSERT INTO basket (custid, pid, qty) VALUES (:custid,
6430, 1)'><database DBNAME=:datasource database='SELECT cost FROM products
WHERE id=6430'><databaseFETCH><iEQ NAME='ticketprice'
VALUE=:1></database><iEQ NAME='total' VALUE=<iEVAL EXPR=':ticketprice + :total'
PREC='2'>><Markup language DBNAME=:datasource database='INSERT INTO orderdetail
(pid, aid, qty, sell) VALUES (6430, :oid, 1, :ticketprice)'><INPUT TYPE='hidden'
NAME='total' VALUE=:total></FORM></CENTER><P></BODY></markup language>

takes in credit card information and passes to:

FIG. 5

(CONT.)

```
<!Markup language>

<REM --- Imports the file "datasource.inc" which creates the variable "datasource" which

is used to tell Markup language which ODBC datasource to connect to.

<iINCLUDE NAME="database\datasource.inc">

<REM -- In case a database or other type of error occurs, this will display the error

message. – >

<ERROR>

<FONT FACE="Verdana,Arial" SIZE="+1"><B>An Error Has Occurred</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>Error Message =

:i_errortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>database Error =

:i_databaseerrortext</B></FONT><P>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>database Error =

:i_databaseerrorstmt</B></FONT><P>

</ERROR>

<REM --- Begin normal markup language here          --->

<markup language>

<HEAD>

<TITLE>Ticketing &amp; Reservation System - Confirmation</TITLE>

</HEAD>

<BODY BACKGROUND="images/background.jpg" TEXT="#000000" LINK="#006666"

VLINK="#006666">

<REM --- Checks to see if the instance "reserve" with a value of   --->

<REM --- "receipt" is passed to this page. If so, the codes within  --- >

<REM --- the iCASE and /iCASE tags are executed. This is primarily --- >

<REM --- for security purposes as the instanced "reserved" is only --- >

<REM --- called in the step immediately before. If a visitor         --->

<REM --- accidentally stumbled upon this file, nothing will be run    --->

<REM --- unless all previous steps are completed.          --->
```

FIG. 5

(CONT.)

```
<iCASE ALIAS="reserve" VALUE="receipt">

<CENTER>

<TABLE BGCOLOR='#000000' BORDER=0 CELLPADDING=5 CELLSPACING=0

WIDTH=500>

<TR><TD>

<CENTER>

<FONT FACE='Verdana,Arial' SIZE=+1 COLOR='#FFFFFF'><B>

Concert Reservation System

</B></FONT>

</CENTER>

</TD></TR>

</TABLE>

</CENTER><p>

<REM --- Two steps are combined here:                 --->

<REM --- 1. The reservation information captured in        --->

<REM --- "reserve2.ihtml" is passed to the iPAY tag which      --->

<REM --- processes the information and passes it to CyberCash    --->

<REM --- for verification. If successful, the tag returns  --- >

<REM --- "success", otherwise it returns a variation of "fail"      --- >

<REM --- 2. iIF checks to see if the verification is a success or --- >

<REM --- failure. If successful, it will process the codes    --->

<REM --- immediately after it, which includes updating the     --->

<REM --- database with a successful reservation. If anything    --->

<REM --- other than "success" is returned, iIF will skip to    --->

<REM --- the iELSE tag and execute all codes thereafter.     --->

<iIF COND=<iPAY SERVER="C3"

                  amount=:total

                  id=:oid

                  ccnum=":ccnum"
```

FIG. 5

(CONT.)

```
ccmexp=":ccmexp"

ccyexp=":ccyexp"

name=":name"

capture="false"

HOST="http://cr.cybercash.com/cgi-bin"

PORT=80

SECRET="vendorid-26"

CRYPTOKEY="j1y1o1ohNU1 ciTdPF1 hsvHFjlpnCpR"»
```

```html
<CENTER>
<TABLE BGCOLOR='#000000' BORDER=0 CELLPADDING=0 CELLSPACING=0>
<TR><TD>
<TABLE BGCOLOR='#FFFFFF' BORDER=0 CELLPADDING=5 CELLSPACING=1
WIDTH=500>
<TR><TD>
<FONT FACE="Verdana,Arial" SIZE="-1">
<B>The credit card has been approved and the reservation has been processed.<P>
The following are the Authorization Code and Receipt Number:</B><p>
<b>Authorization Code:</b> :i_pay_authnumber<BR>
<b>Receipt Number: </b> :ipay_transactionnumber<P>
<b>Customer Name:</b> :name<BR>
<b>Total Amount:</b> $:total<BR>
<b>Credit Card Number:</b> :ccnum<BR>
<b>Month of Expiration:</b> :ccmexp<BR>
<b>Year of Expiration:</b> :ccyexp<BR>
<REM --- Begin database query to update the "customers" table with customer information
captured in "reserve2.ihtml".         --->
<Markup language DBNAME=:datasource
            database="UPDATE customers
            SET contact=':name', phone=':phone, email=':email'
```

FIG. 5

(CONT.)

```
                    WHERE id=:custid">
<REM --- Begin database query to update the "orders" table is updated with the approval

code returned by CyberCash, as well as the transaction information (total charge, credit

card number, etc).                              --->
<Markup language DBNAME=:datasource

                database="UPDATE orders

                SET approvalcode=':i_pay_authnumber',

receiptnum=':i_pay_transactionnumber', totalcharge=:total,cc=':ccnum', ccm=':ccmexp',

ccy=':ccyexp'

                WHERE id=:oid"

        FAILURE="The information was not saved correctly.<br>">
<REM --- Begin database query to turn off the availability of the seats that have been

reserved by setting the "active" attribute of the seats to "0".                    --->
<database ALIAS="markoff' dbname=":datasource" database="SELECT pid FROM

orderdetail WHERE oid=:oid">

        <databaseFETCH ALIAS="markoff">

        <iWHILE NOTALIAS=i_databaseempty>

                <Markup language dbname=":datasource"

                        database="UPDATE products

                        SET active=0

                                WHERE id=:markoff_pid">

                        <databaseFETCH ALIAS="markoff'>

                </iWHILE ALIAS=i_databaseempty>
</database ALIAS="markoff">
</FONT>
</TD></TR>
</TABLE>
</TD></TR>
</TABLE>
```

FIG. 5

(CONT.)

```
</CENTER><p>

<iELSE>

<CENTER>

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WIDTH=500>

<TR><TD>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>

This transaction could not be processed by Cyber Cash at this time. Either the Credit Card

Information was invalid or the Cyber Cash server is currently not available.

</B></FONT>

</TD></TR>

</TABLE>

</TD></TR>

</TABLE>

</CENTER>

</iIF>

<FORM ACTION="index.ihtml" METHOD="post">

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<TR><TD>

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WIDTH=500>

<TR><TD>

<CENTER>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>

<INPUT TYPE="submit" VALUE="Return to Concert Selection">

</B></FONT>
```

FIG. 5

(CONT.)

</CENTER>

</TD></TR>

</TABLE>

</TD></TR>

</TABLE>

</CENTER>

</FORM>

<FORM ACTION="http://domainname/filename" METHOD="post">

    <CENTER>

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<TABLE BGCOLOR='#FFFFFF' BORDER=0 CELLPADDING=5 CELLSPACING=1

WIDTH=500>

<TR><TD>

<CENTER>

<FONT FACE="Verdana,Arial" SIZE="-1"><B>

<INPUT TYPE="submit" VALUE="Return to On-Line Ticketing & Reservation Front Desk">

</B></FONT></CENTER>

</TD></TR><TTABLE></TD></TR></TABLE></CENTER>

</FORM>

</CASE ALIAS="reserve")

</BODY>

</markup language>

which verifies and confirms payment information

FIG. 5
(CONT.)